



Summary Results of 2016-17 Sun Smart Schools Pre- to Post-Survey Results

Knowledge

- Statistically significant increase in knowledge in elementary & middle school students and parents
- Higher knowledge scores among females than males
- An important subset of respondents expressed serious concern with:
 - Chemicals in sunscreen (perceived)
 - Concerns about Vitamin D deficiency with sunscreen use

Behavior

- Increases in all sun protective behaviors among elementary & middle school students and parents
- Reported use of wearing sunscreen when going outside for more than an hour increased among all groups
- When asked for reason why they don't protect themselves from the sun, all groups responded:
 - Just not thinking about it
 - Not having sun barriers available to them
 - All groups discussed a feeling of invincibility
- Reported tanning bed use among all groups was low, although male high school students had a higher percentage of use when compared with females

Attitudes

- As age increased across groups, attitude that having tan skin makes you look better become more prevalent
 - Female high school students had 89% increased odds of reporting they look better with a tan when compared with males
 - Male educator respondents had higher rates of reporting they look better with a tan

Gender Differences

- Almost a quarter of male students responded that they never use sunscreen
- 86.4 % of male educators report they and their friend look better with a tan

Sunscreen Dispensers

- Positive feedback
 - Used by two-thirds of elementary and middle school students
 - Used by 40% of educators
- Negative feedback
 - Students said they would throw sunscreen at each other
 - Machines were sometimes empty or non-working
 - Most high school students said they did not use the dispensers



Table 1. Participating schools in the 2016-2017 Sun Smart Schools Program by county

Douglas County	Clark County
CC Meneley Elementary School	Rogers Elementary School
Gardnerville Elementary School	St. Viator Parish School (K-8)
Jacks Valley Elementary School	The Meadows School
Minden Elementary School	Storey County
Pinon Hills Elementary School	Virginia City Middle School
Scarselli Elementary School	Hillside Elementary School
Zephyr Cove Elementary School	Hugh Gallagher Elementary School
Carson Valley Middle School	Washoe County
Pau-Wa-Lu Middle School	SRUMC Preschool
Aspire Academy High School	Elizabeth Lenz Elementary School
Douglas High School	Pine Middle School
Whittell High School	

Table 2. Pre- and Post-intervention responses to the 2016-2017 Sun Smart Schools survey by school and participant

School	Pre-survey (n= 4,357)				Post-survey (n= 926)			
	EMS	HS	Parent	Staff	EMS	HS	Parent	Staff
Aspire Academy High	0	1	0	0	0	0	1	1
CC Meneley Elementary	138	0	124	1	42	0	11	4
Carson Valley Middle	423	0	30	12	3	0	2	0
Douglas High	0	239	78	39	0	0	55	0
Gallagher Elementary	49	0	0	1	22	0	36	3
Gardnerville Elementary	73	0	51	1	6	0	1	16
Hillside School K-8	10	0	0	0	-	-	-	-
Jacks Valley Elementary	125	0	32	16	1	0	1	1
Lenz Elementary	77	0	30	1	2	0	0	0
Minden Elementary	50	0	85	0	0	0	4	0



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School	Pre-survey (n= 4,357)				Post-survey (n= 926)			
	EMS	HS	Parent	Staff	EMS	HS	Parent	Staff
Pau-Wa-Lu Middle	56	0	38	30	36	0	29	23
Pine Middle	533	0	91	21	226	0	59	9
Pinion Hills ES	133	0	153	0	0	0	3	1
Rogers Elementary	253	0	107	20	203	0	5	24
Scarselli Elementary	86	0	211	18	0	0	8	1
South Reno UMC Preschool	0	0	19	2	-	-	-	-
Sparks Middle	128	0	0	0	-	-	-	-
St. Viator Catholic	265	0	190	15	0	0	9	4
Storey County K-8	0	0	145	0	-	-	-	-
Virginia City Middle	0	0	0	6	12	0	4	12
Whittell High	0	0	21	3	0	0	0	2
Zephyr Cove Elementary	38	0	76	12	35	0	0	5
N/A	0	0	0	1	0	0	0	4
Totals	2437	240	1481	199	588	0	228	110

Note: The pre-intervention survey was provided both on paper for in-class distribution as well as online through SurveyMonkey. Post-intervention surveys were only distributed online through SurveyMonkey. Post-intervention responses were much lower than pre-intervention responses (4,357 responses at pre-survey and 926 at post), likely due to lack of designated in-class time for students to complete the surveys and low response from parents to complete the online survey.